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TITLE: METHOD FOR PREPARING GLOBAL NET OF HIERARCHIZATION
FUNCTIONAL BLOCK

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ABSTRACT:

PURPOSE: To prepare a global net table at higher speed by attaining knowing the connecting relation of all the functional blocks by a table before development and a hierarchical table.

CONSTITUTION: When a functional block is defined as a master and the functional block one hierarchy under included in the functional block is defined as a slave at a first step 1, the functional block names of the master and the slave, the pin name of the functional block of the master and the slave and the local name of a net to connect between pins are registered and a table before development is prepared. The table before development is referred to at a second step 2 and the hierarchical table to indicate the master-slave relation of the functional block of all the hierarchy is prepared. The table before development and the hierarchical table are referred to at a third step 3, the global net name of the hierarchy of the master is supplied to the net of the hierarchy of the slave linked to the net of the hierarchy of the master and the new global net name is given to the closed net only in the hierarchy of the slave not linked to the net of the hierarchy of the master in order from the hierarchy of high order to the hierarchy of low order. Thus, the global net